CLAIMS

What is claimed is:

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- 1. In a networked server having a file system therein, a virus detection monitoring system comprising:
 - a) a check-in interceptor configured to monitor the network server for incoming files and intercept incoming files before said files are transferred to the file system of the server; and
 - b) an anti-virus interface operatively coupled to said check-in interceptor, said anti-virus interface configured to transfer the incoming files which are intercepted to an anti-virus application for virus detection and removal.
- 2. The virus detection monitoring system of claim 1 wherein said anti-virus interface is further configured to receive from said anti-virus application a signal indicating whether a virus was detected in the intercepted incoming file and whether the virus was removed.
- 3. The virus detection monitoring system of claim 1, wherein said check-in interceptor is further configured to prevent an intercepted incoming file from entering the file system if a virus is detected in the intercepted incoming file.
- 4. The virus detection monitoring system of claim 1, wherein said check-in interceptor is further configured to prevent an intercepted incoming file from

entering the file system if a virus is detected in the intercepted incoming file and the virus was not removed by the anti-virus application.

- 5. The virus detection monitoring system of claim 1 wherein said anti-virus interface is further configured to receive from said anti-virus application a signal indicating whether a virus was detected in the intercepted incoming file, said check-in interceptor further configured to communicate the signal to a user submitting the intercepted incoming file.
- 6. The virus detection monitoring system of claim 1, further comprising a "dat file updater and validater" coupled to the anti-virus application, said dat file updater and validater configured to periodically download updated virus data, validate the updated virus data after download, and update said anti-virus application with said updated virus data after validating said virus data.

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- 7. The virus detection monitoring system of claim 1, wherein said check-in interceptor inspects documents and files uploaded to a electronic document control system operating on the network server.
- 8. The virus detection monitoring system of claim 1, wherein said check-in interceptor intercepts document upload commands issued to the network server.
 - 9. The virus detection monitoring system of claim 1, wherein said document upload commands comprise hypertext transfer protocol commands.

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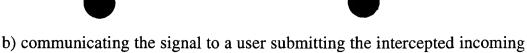
- 10. In a networked server having a file system therein, a method for virus detection monitoring comprising:
 - a) intercepting the incoming files before the files are transferred to the file system of the server; and
 - b) transferring the incoming files which are intercepted to an anti-virus application for virus detection and removal.
- 11. The method of claim 10, further comprising preventing an intercepted incoming file from entering the files system if a virus is detected in the intercepted incoming file.
- 12. The method of claim 10, further comprising preventing an intercepted incoming file from entering the files system if a virus is detected in the intercepted incoming file and the virus was not removed by the anti-virus application.

13. The method of claim 10, further comprising:

- a) receiving a signal from said anti-virus application, said signal indicating whether a virus was detected in the intercepted incoming file; and
- b) communicating the signal to a user submitting the intercepted incoming file.
- 14. The method of claim 10, further comprising:
 - a) periodically downloading updated virus data;
 - b) validating the updated virus data; and
- b) updating said anti-virus application with said updated virus data.

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- 15. The method of claim 10, wherein said network server comprises an electronic document control system.
- 16. A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for virus detection monitoring, said method comprising:
 - a) intercepting the incoming files before the files are transferred to the file system of the server; and
- b) transferring the incoming files which are intercepted to an anti-virus application for virus detection and removal.
 - 17. The program storage device of claim 16, said method further comprising preventing an intercepted incoming file from entering the files system if a virus is detected in the intercepted incoming file.
 - 18. The program storage device of claim 16, said method further comprising preventing an intercepted incoming file from entering the files system if a virus is detected in the intercepted incoming file and the virus was not removed by the anti-virus application.
 - 19. The program storage device of claim 16, said method further comprising:a) receiving a signal from said anti-virus application, said signal indicating whether a virus was detected in the intercepted incoming file; and



- 20. The program storage device of claim 16, said method further comprising:
 - a) periodically downloading updated virus data;
 - b) validating the updated virus data; and

file.

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- b) updating said anti-virus application with said updated virus data.
- 21. The program storage device of claim 16, wherein said network server comprises an electronic document control system.
 - 22. In a networked server having a file system therein, a virus detection monitoring system comprising:
 - a) means for intercepting the incoming files before the files are transferred to the file system of the server; and
 - b) means for transferring the incoming files which are intercepted to an anti-virus application for virus detection and removal.
- 23. The virus detection monitoring system of claim 22, further comprising means
 for preventing an intercepted incoming file from entering the files system if a virus
 is detected in the intercepted incoming file.
 - 24. The virus detection monitoring system of claim 22, further comprising means for preventing an intercepted incoming file from entering the files system if a virus

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is detected in the intercepted incoming file and the virus was not removed by the anti-virus application.

- 25. The virus detection monitoring system of claim 22, further comprising:
 - a) means for receiving a signal from said anti-virus application, said signal indicating whether a virus was detected in the intercepted incoming file; and
 - b) means for communicating the signal to a user submitting the intercepted incoming file.

26. The virus detection monitoring system of claim 22, further comprising:

- a) means for downloading updated virus data according to a schedule;
- b) means for validating the updated virus data; and
- c) means for updating said anti-virus application with said updated virus data.
- 27. The virus detection monitoring system of claim 22, wherein said network server comprises an electronic document control system.